

IN THE CLAIMS:

Please cancel claims 12-14 without prejudice or disclaimer.

Please amend claims 1 and 20 as follows:

Claim 1 (Currently Amended): A sealing arrangement for two relatively movable first and second parts, including a sealing ring positioned in a sealing ring seat formed as a groove in a circumference of one of the parts for sealing contact against the other one of the parts, so as to separate a first side of the sealing ring from a second side of the sealing ring, said sealing arrangement comprising:

- liquid supply means for supplying liquid under pressure to the second side of the sealing ring, and
- means for balancing a pressure of the supplied liquid in a region of the sealing ring so that forces on the sealing ring resulting from the pressure prevailing on the first side of the sealing ring are counteracted and balanced in such a way that in operation the sealing ring is essentially free-floating in the groove,

said first and second parts being relatively reciprocating.

Claim 2 (Previously Presented): The arrangement according to claim 1, further comprising a valve device set to balance the pressure of the supplied liquid in the area of the sealing ring.

Claim 3 (Previously Presented): The arrangement according to claim 2, wherein the valve device is preset to limit the pressure of the supplied liquid.

Claim 4 (Previously Presented): The arrangement according to claim 3, wherein the valve device is set to limit the pressure to about 80 – 100% of the pressure inside the pressure chamber.

Claim 5 (Previously Presented): The arrangement according to claim 2, in that wherein the valve device includes a portion of the sealing ring in co-operation with the sealing ring seat.

Claim 6 (Previously Presented): The arrangement according to claim 5, in that wherein said portion of the sealing ring is a ring surface directed from the first side which is arranged to co-operate with a surface of said seat.

Claim 7 (Previously Presented): The arrangement according to claim 5, in that wherein said portion of the sealing ring is an edge portion or a separate sealing element directed radially from the element said portion is intended to seal against.

Claim 8 (Previously Presented): The arrangement according to claim 3, in that wherein the valve device is a pressure controlled valve which is separate from the sealing ring.

Claim 9 (Previously Presented): The arrangement according to claim 1, in further comprising a sealing device for sealing between the relatively movable parts in a position opposite to the sealing ring as seen from the position of the means for liquid supply.

Claim 10 (Previously Presented): The arrangement according to claim 9, wherein said sealing device is formed by a first, high pressure seal member and a second, low pressure seal, and an intermediate space having a fluid outlet.

Claim 11 (Previously Presented): The arrangement according to claim 10, wherein the fluid outlet is a low pressure outlet for eliminating pressure build-up in the intermediate space.

Claims 12-14 (Cancelled)

Claim 15 (Previously Presented): The arrangement according to claim 1, wherein at least one of the parts includes at least one outlet channel for supplied liquid.

Claim 16 (Previously Presented): A reciprocating piston device including a cylinder and a relatively movable piston and a sealing ring which is positioned in a seat formed as a groove in the circumference of one of the piston and the cylinder for sealing contact between the piston and the cylinder, so as to separate a first side of the sealing ring from a second side of the sealing ring, said piston and cylinder forming a pressure chamber, said piston device comprising:

- liquid supply means for supplying liquid under pressure to the second side of the sealing ring, and
- means for balancing a pressure of the supplied liquid in a region of the sealing ring so that forces on the sealing ring resulting from the pressure prevailing on the first side of the sealing ring are counteracted and balanced in such a way that in operation the sealing ring is essentially free-floating in the groove.

Claim 17 (Previously Presented): The device according to claim 16, wherein the liquid supply means includes an enlarged piston portion for co-operation with an enlarged cylinder portion.

Claim 18 (Previously Presented): The device according to claim 17, wherein a working chamber which is formed by said piston and cylinder portions is ring-shaped.

Claim 19 (Previously Presented): The device according to claim 16, wherein the liquid supply means includes an external pump having at least one supply conduit debouching in a cylinder wall.

Claim 20 (Currently Amended): The device according to claim 19, wherein the liquid supply means includes ~~any~~ a liquid pump ~~such as:~~ selected from the group of a gear type pump, a reciprocating piston pump, an impeller pump, a screw pump or a rotary piston pump.

Claim 21 (Previously Presented): The device according to claim 16, wherein the piston includes a valve device which is preset to balance the liquid pressure in the area of the sealing ring.

Claim 22 (Previously Presented): The device according to claim 21, wherein the valve device is set to limit the pressure to about 80 – 100% of the pressure inside the pressure chamber.

Claim 23 (Previously Presented): The device according to claim 21, wherein the valve device includes a portion of the sealing ring in co-operation with its seat.

Claim 24 (Previously Presented): The device according to claim 23, wherein said portion of the sealing ring is a ring surface directed from the pressure chamber which is arranged to co-operate with a surface of said seat.

Claim 25 (Previously Presented): The device according to claim 23, wherein said portion of the sealing ring is an edge portion directed radially from the element said portion is intended to seal against.

Claim 26 (Previously Presented): The device according to claim 16, wherein the piston includes at least one outlet channel for liquid.

Claim 27 (Previously Presented): The device according to claim 16, wherein the valve device is a pressure controlled valve which is separate from the sealing ring.

Claim 28 (Previously Presented): The device according to claim 16, further comprising a sealing device for sealing between the piston and the cylinder in a position opposite to the sealing ring as seen from the position of liquid supply means.

Claim 29 (Previously Presented): The device according to claim 28, wherein said sealing device is formed by a first, high pressure seal member and a second, low pressure seal, and an intermediate space having a fluid outlet.